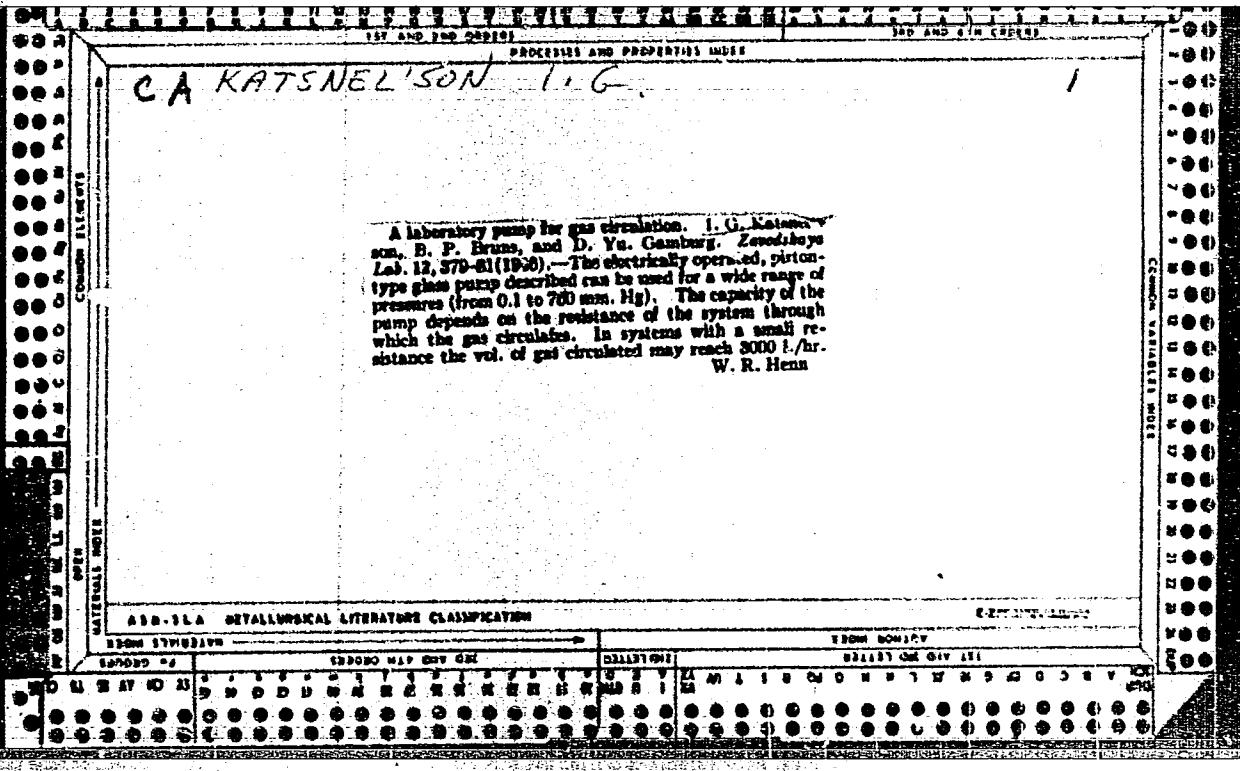


KATSNEL'SON, I.B., dotsent; BESSER, V.L.; IONOV, I.T.; GORYACHIY, M.P.;
IOFIN, I.I.; CHARTORIZHESKIY, N.A., kand.med.nauk

Poisoning from castor bean seeds; clinical and experimental observa-
tions. Sov. med. 24 no. 2:131-135 F '60. (MIRA 14:2)
(CASTOR BEAN--TOXICOLOGY)



LEVKOV, A.A.; FUNK, V.I.; KATSNEL'SON, I.I.

Observations on Reiter's syndrome. Vest. derm. i ven. 34 no.7:68-
70 '60.
(REITER'S DISEASE)

(MIRA 13:12)

KATSNEL'SON, I. I.; LEVKOV, A. A.

Deep mycosis with skin lesions of the mycetoma type. Vest. derm.
i ven. no.4:78-80 '62. (MIRA 15:4)

1. Iz mediko-sanitarnoy chasti tresta "Magnitostroy" (glavnnyy
vrach Ye. N. Yermakova) i Magnitogorskogo gorodskogo i mezhrayon-
nogo kozhno-venerologicheskogo dispansera (glavnnyy vrach Yu. A.
Broslavskiy)

(MYCETOMA)

MILIBAND, S.D.; KATSNEL'SON, I.S., otv.red.; MEYER, I.L., red.izd-va;
KRASNAYA, A.I., tekhn.red.

[Academician V.V.Struve; bibliographical information] Akademik
V.V.Struve; bibliograficheskaiia spravka. Moskva, 1959. 24 p.
(MIRA 12:8)

1. Akademiya nauk SSSR. Institut vostokovedeniya.
(Struve, Vasili Vasil'evich, 1889-)

KATSNEL'SON, E. Ya.

ARKHIPETS, Ye.Ya. (Kiyev); BONDAROVICH, I.M. (Khar'kov); BULANOV, V.N. (Kiyev);
GALUSKIN, V.B. (Kiyev); GOGOTSI, G.A. (Nikolayev); GORBUNOVA, N.N.,
(Kiyev); GORLITSKIY, B.A. (Kiyev); DYADYUSHA, G.G. (Kiyev); KATSNEL'SON,
L.Ya. (Dnepropetrovsk); KVITCHUK, E.A. (Kiyev); KIRILLOV, I.A.. (Krym)
KONOPLYASOVA, N.S. (Chernovtsay); NIKOL'SKIY, V.V. (Kiyev); PONOMARENKO,
A.A. (Stanislav); PWSCHANSKIY, A.I. (Kiyev); POPOV, V.N. (Kiyev);
PTASHNIKOVA, I.V. (Uzhgorod); STESHENKO, N.G. (Kiyev); CHAYKIN, M.M.
(Vinnytsia); SHAPOSHNIKOVA, N.N. (Kiyev); SHPORTYUK, V.I. (Kiyev);
YANKO, N.M. (Stalinskaya oblast'); SVECHNIKOVA, N., redaktor;
SMORODSKIY, V., tekhnicheskij redaktor

[Tourist routes through the Ukraine] Turistskie marshruty po Ukrains.
Kiev, Izd-vo TsK LKSMU "Molod'", 1957. 368 p. (MIRA 10:8)
(Ukraine--Description and travel)

GRINBERG, E. [Grinbergs, E.] (Riga); KATSNEL'SON, L. (Riga)

About a certain method in chain synthesis with a given impedance.
Vestis Latv ak no.10:79-86 '60. (EEAI 10:9:10)

1. Akademiya nauk Latviyskoy SSR, Institut fiziki.

(Equilibrium of chains) (Impedance (Electricity))

KATSNEL'SON, L. A.

KATSNEL'SON, L. A. -- "Effect of Vitamins A and B on Certain Functions of the Organs of Sight During Glaucoma." Sub 4 Nov 52, Central Institute for the Advanced Training of Physicians. (Dissertation for the Degree of Candidate in Medical Sciences.)

SO: Vechernaya Moskva January-December 1952

PAVLOVA-KAMINSKAYA, Z.A., prof.; KATSNEL'SON, L.A., kand.med.nauk

Concerning so-called anterior hemorrhagic glaucoma. Oft.zhur. 14
no.7:400-402 '59. (MIRA 13:4)

1. Iz kafedry glaznykh bolezney Moskovskogo meditsinskogo stomatologicheskogo instituta (zaveduyushchiy - prof. Z.A. Pavlova-Kaminskaya) na baze TSentral'nogo instituta glaznykh bolezney im. Gel'm-gol'tsa (direktor - starshiy nauchnyy sotrudnik A.V. Roslavl'sev).
(GLAUCOMA)

KATSNEILSON, L.A., kand.med.nauk; SAKSONOVA, Ye.O.; BASHLYKOVA, Ye.N.

On malignant exophthalmos. Sov.med. 23 no.9:100-104 S '59. (MIRA 13:1)

1. Iz kafedry glaznykh bolezney (zav. - prof. Z.A. Kaminskaya-Pavlova) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. - dotsent G.N. Beletskiy) i TSentral'nogo instituta glaznykh bolezney imeni Gel'ngol'tsa (dir. A.V. Roslavtsev).
(HYPERTHYROIDISM compl.)

RELYAVSKIY, M. A.; KATSNEL'SON, L. A.

Some problems of the working and hydraulic conveying of heavy
cohesive soils. Biul. tekhn. inform. Inst. "Proektgidromekh."
(MIRA 16:1)
no.1:39-46 '62.

(Hydraulic conveying) (Earthwork)

L 22260-66

ACC NR: AR6005174

SOURCE CODE: UR/0058/65/000/009/A018/A018

48
B

AUTHORS: Katsnel'son, L. B.; Kogan, F. I.

TITLE: High-speed four-channel spectrometer DFS-33

SOURCE: Ref. zh. Fizika, Abs. 9A147

10 24

REF. SOURCE: Tr. Komis. po spekroskopii. AN SSSR, t. 2, vyp. 1, 1964, 623-634

TOPIC TAGS: spectrometer, high temperature plasma, spectral line, optic spectrum, ir spectrum, continuous spectrum/DFS-33 spectrometer

TRANSLATION: A photoelectric spectrometer (DFS-33) has been developed for the study of high-temperature plasma. The instrument serves to measure the intensity of four spectral lines, bands, and sections of a continuous spectrum in the 4000 - 11,000 Å region. The measurements can be carried out either with single flashes, with time resolution from 10^{-6} to 1 sec, or using ordinary ac or dc light sources with and without time resolution. The instrument has a control system for the position of the output slit relative to the spectral line.

SUB CODE: 20

Card 1/1 1st

L 46749-66 EWT(1) IJP(c) WW

ACC NR: AR6001119

SOURCE CODE: UR/0272/65/000/009/0120/0120

AUTHORS: Katsnel'son, L. B.; Kogan, F. I.

TITLE: High-speed four-cell spectrometer DFS-33

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 9.32.851

REF SOURCE: Tr. Komis. po spektroskopii. AN SSSR, vyp. 1, 1964, 623-634

TOPIC TAGS: spectrometer, IR spectrometer, high temperature plasma / DFS-33
spectrometer

ABSTRACT: A photoelectric spectrometer DFS-33 was developed to study high temperature plasma. The device serves to measure the intensity of four spectral lines, bands, and portions of the continuous spectrum in the range 4000--11,000 Å. Measurements can be made with single flashes with time resolution of 10^{-6} to 1 sec and with the ordinary dc and ac light sources with and without time resolution. The device has a control system for positioning the exit slit relative to a spectral line. Illustrated. *[Translation of abstract]*

SUB CODE: 20

Card 1/1 MT

UDC: 389.535.853.225

60
B

41439

S/120/62/000/005/020/036
E192/E382

7,600

AUTHORS: Katsnel'son, L.B., Kogan, F.I. and Shorin, Ye.L.
TITLE: An instrument for measuring the voltage at a given point of a periodic waveform
PERIODICAL: Pribory i tekhnika eksperimenta, no. 5, 1962,
125 - 128

TEXT: The instantaneous values of the waveform can be measured by means of the instrument without introducing any distortion in the measurement circuit. The waveform can be plotted point by point by changing the instant of measurement. The measurement is based on a probe pulse which is added to the measured voltage u_c at a given point (see Fig. 1). The probe pulse is rectangular and has a constant amplitude U_K . Its duration is very short in comparison with the period of the measured signal. The pulse-plus-signal is limited at a fixed level U_{lim} which is higher than the maximum amplitude of the measured waveform. The amplitude of a probe pulse is chosen

Card 1/3

An instrument for measuring

S/120/62/000/005/020/036
E192/E382

in such a way that its top exceeds U_{lim} by an amount ΔU . The limited pulse-plus-signal is equal to $u_c + \Delta U$ and this is measured by a pulse voltmeter. The voltage ΔU is balanced at the output of the circuit by a DC voltage U_o so that the indicating device at the output reads a true value u_c at a given point. The instrument consists of two basic units: the measurement system and the control system. The measurement system contains an input circuit, a mixer, a limiter and a pulse voltmeter. The measured waveform is applied to the input circuit which determines the operating conditions of the system depending on the amplitude and the polarity of the signal. The control system of the instrument is triggered directly by the measured signal. This is done by converting the waveform into a positive rectangular pulse by means of a high-gain amplifier. The instrument can measure voltages not exceeding 100 V and not lower than 100 mV. The frequency bandwidth of the system is 0 to 10^6 c.p.s., the maximum repetition frequency for the

Card 2/3

An instrument for measuring ...

S/120/62/000/005/020/036
E192/E382

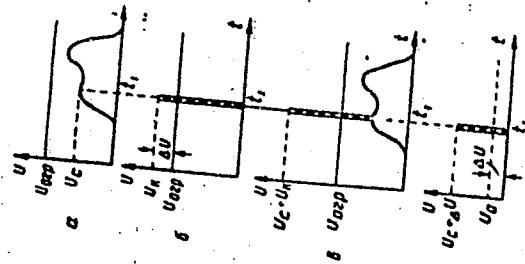
measured signal being 60 kc/s. The accuracy of measurement at steep slopes of the measured signal is primarily dependent on the duration of the probe pulse; this can be varied from 0.2 - 10 μ s. The instrument is linear and stable in operation and measurements are reproducible to within 0.5%. There are 3 figures.

ASSOCIATION:

Gosudarstvennyy optiko-mekhanicheskiy zavod
(State Optico-mechanical Works)

December 8, 1961

Fig. 1:



Card 3/3

KATSNEL'SON, L.B.; KOGAN, F.I.

Photometric indicator of operating conditions for the
EPS-66 electric motor. Priborostroenie no.5:31 My '63.
(MIRA 16:8)

KATSNEL'SON, L.I., inzh.

Mnomograms for calculating masts with a drop-shaped section.
Sudostroenie 30 no.10:76 0 '64. (MIRA 17:12)

KATSNEL'SON, L.S.; GLADSHTEYN, M.S.; YANKINA, N.I.

Chemical milling of aluminum alloys. Mashinostroenie no.5:90-
93 S-0 '63.
(MIRA 16:12)

KATSNEL'SON, M.A., master domennoy pechi

Blast furnace operation. Metallurg 8 no.11:10-12 N '63. (MIRA 16:12)

1. Makeyevskiy metallurgicheskiy zavod.

KAMENEV, R.D.; SUKONNIK, M.A.; KATSNEL'SON, M.A., master domennoy pechi

Constant basicity of the sinter is a law. Metallurg 7 no.12:2-4
D '62. (MIRA 15:12)

1. Nachal'nik aglodomennoy laboratorii Krivorozhskogo metallurgicheskogo zavoda (for Kamenev). 2. Nachal'nik domennogo sektora tekhnicheskogo otdela Krivorozhskogo metallurgicheskogo zavoda (for Sukonnik). 3. Makeyevskiy metallurgicheskiy zavod (for Katsnel'son).

(Sintering)

KATSNEL'SON, M.M.

Problems of petroleum refining for 1963. Nefteptер. i neftekhim.
no.1:3-5 '63. (MIRA 16:10)

1. Gosplan RSFSR.

BAGIROV, Ismail Tagi; KATSNEL'SON, M.M., red.; KLEYMENNOVA, K.F.,
ved. red.; YAKOVLEVA, Z.I., tekhn. red.

[Highly efficient pressure and pressure-vacuum units] Vy-
sokoproizvoditel'nye atmosfernye i atmosferno-vakuumnye
ustanovki. Moskva, Izd-vo "Khimia," 1964. 131 p.
(MIRA 17:3)

SLOVINSKIY, D.M.; KATSNEL'SON, M.M.

Fractional composition of oil distillates. Khim. i tekhn.
topl. i masel 6 no.7:7-12 Jl '61. (MIRA 14:6)

1. Giproneftezavody.
(Lubrication and lubricants)

LEVINA, G.S.; KATSNEL'SON, M.M., red.; PARFENENKOVA, G.P., ved.
red.; ROZOVA, S.T., tekhn. red.

[Modern unit of the Groznyy Cracking Plant] Perekovaia
ustanovka Groznyanskogo kreking-zavoda. Moskva, TsNIIITEINeftegaz,
1963. 19 p.
(Groznyy--Cracking process)

KRASYUKOV, Aleksandr Fedorovich; DZHORDZHI, A.N., vedushchiy red.;
KATSNEL'SON, M.M., red.; YAKOVLEVA, Z.I., tekhn. red.

[Petroleum coke; technology and properties] Neftianoi koks;
tekhnologiya, svoistva. Moskva, Gostoptekhizdat, 1963.
161 p. (MIRA 16:6)
(Petroleum coke)

KATSNEL'SON, M.U.; PAVLOVSKIY, M.A.

Some results of the study of the pressing process of refined
sugar cubes. Sakh. prom. 37 no.4:22-27 Ap '63.
(MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy i eksperimental'no-
konstruktorskiy institut prosvetlenstvennogo mashinostroyeniya.
(Sugar manufacture)

KATSNEL'SON, M.U.; CHENYAKOVA, R.B.; BUDRINA, M.S.

Integral method for determining the quantity of a γ -radioactive substance. Zav. lab. 23 no. 4:443-445 '57. (MLRA 10:6)
(Gamma rays--Measurement) (Radioactive substances)

S/122/62/000/004/002/006
D221/D302

18.8200

AUTHORS: Katsnel'son, M.II., Candidate of Technical Sciences,
Maloletnev, A.Ya., and Vysotskaya, I.M., Engineers

TITLE: The impact strength of some structural steels

PERIODICAL: Vestnik mashinostroyeniya, no. 4, 1962, 7 - 13

TEXT: The author describes an investigation of the impact strength of some steels, whose chemical composition, heat treatment and mechanical properties are tabulated. The examination was carried out on square section specimens with a rounded shoulder for stress concentration. Some of the items were subject to work-hardening by shot blasting. The experiments took place at ambient temperatures from -20 to -60°C. The test stand was equipped with two discs ensuring the change in the sign of the load. The stresses were measured by a strain gauge. The actual load was determined by use of a transfer factor, K_n which was derived by the optical polarization method.

The stress was evaluated by $\sigma = \frac{R_t^{1/EK_n}}{R_s h S} \text{ kg/mm}^2$, where R_t is the

Card 1/2

The impact strength of some ...

S/122/62/000/004/002/006
D221/D302

transducer resistance in ohms; R_s is the shunt resistance in ohms, h is the calibrating signal in mm, E is the elastic modulus in kg/mm² and S is the sensitivity coefficient of the transducer. The experiments allowed graphs of the steel life to be plotted in log coordinates. It was concluded that the increased static resistance of the steel results in lower 'relative' limit of impact fatigue. The mechanical strength is raised at lower temperatures. The same phenomenon is noticed with the impact fatigue, although it varies with the steel mark. The strength during variable loading is determined by the surface layers, i.e. by the machining and type of strain hardening. An example is given of the application of fatigue curves for calculating components working in conditions of repeated impacts. The actual values of impact resistance may differ from those obtained by the above method. A mention is made of determining the scatter by introduction of a so-called individual scatter factor. There are 5 figures, 4 tables and 4 Soviet-bloc references.

Card 2/2

KATNELSON, M.U. [Katsnel'son, M.U.]; MALOETNEV, A.I.; VISOTKAIA, I.M.
[Vysotskaya, I.M.]

Shock fatigue of some construction steels. Analele metallurgie
16 no.4:96-105 O-D '62.

KATSNEL'SON, M.Ye., inzhener.

Electric pipe-welding machine. Vest.mash. 33 no.9:78-81 S '53.

(MLRA 6:10)

1. Dnepropetrovskiy truboproykatnyy zavod im. Lenina.
(Pipes, Steel) (Electric welding)

KATSNEL'SON, Moisey Yefimovich; OZOL', Vladimir Iyudvigovich; CHELYUSTKIN,
Aleksandr Borisovich; FIBIKH, V.V., redaktor; DOKUKINA, Ye.V.,
redaktor; EVENSON, I.M., tekhnicheskij redaktor

[Automatization of tube rolling mills] Avtomatizatsiya trubo-
prokatnykh stanov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po
chernoi i tsvetnoi metallurgii, 1954. 109 p. (MIRA 8:?)
(Rolling mills) (Pipe, Steel)

KATSENEL'SON, M. Ye.

86-58-4-13/27

AUTHOR: Slutsker, L. B., Lt Col, Shiryayev, V. V., Engr-Lt Col, and Katsenel'son, M. Ye., Engr-Capt

TITLE: Radar in Aerial Gunnery Training of Fighter Pilots (Radiolokatsionnyy Kontrol' pri obuchenii letchikov-istrebiteley vozdukhoy strel'be)

PERIODICAL: Vestnik vozdukhogo flota, 1958, Nr 4, pp 46-49 USSR)

ABSTRACT: This article describes the use of radar in aerial gunnery training of fighter pilots. According to the author, good results in aerial gunnery depend on how skillfully the fighter pilot manages to maneuver his airplane into a favorable initial position for an attack. The use of a gun camera makes it possible to check only the accuracy in aiming. The problem of how to check the correctness of a pilot's maneuver and to help him to carry out his maneuver properly during an aerial gunnery practice is solved in the author's unit in the following manner: A PSBN-m radar bombsight is installed in the towing airplane. The position of the fighter airplane in relation to the tow target is determined within sufficient accuracy on the PPI screen of the bombsight provided that the difference in altitude between the towing aircraft and the fighter is

Card 1/2

Card 2/2

86-58-5-28/38

AUTHOR: Katsenel'son, M. Ye., Engr Capt

TITLE: A Rare Phenomenon (Redkoye yavleniye)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 5, p 67 (USSR)

ABSTRACT: The author describes a rare phenomenon. Once during the flight control, blips in the form of bright stretched spots of irregular shape with diffused edges appeared on the screen of the plan position indicator. The refections covered a considerable part of the screen and moved horizontally in the direction of 280°- 300° at a speed of 70 - 80 km/hr. As was later confirmed, this was a reflection of a cold front developing thunderstorm activities, which at that time passed over the airfield. There is one photograph.

AVAILABLE: Library of Congress

1. Plan position indicator - Phenomena

Card 1/1

SLJUTSKER, L.B., polkovnik; GAKH, A.A., inzh.-podpolkovnik; KATSINEL'SON, M.Ye.,
gvardii inzh.-mayor

Getting into the range zone of the radio beacon. Vost.Vozd.Fl.
no.11:45-50 N '60. (MIRA 13:11)

(Airplanes--Piloting)

PHASE I BOOK EXPLOITATION SOV/5857

Katsnel' son, Matvey Yefimovich

Elektrooborudovaniye i avtomatizatsiya truboproykatnykh zavodov (Electrical Equipment and the Automation of Pipe-Producing Plants) Moscow, Metallurg-izdat, 1961. 400 p. Errata slip inserted. 3750 copies printed.

Ed. : V. V. Fibikh; Ed. of Publishing House: T. I. Kiseleva; Tech. Ed. : V. V. Mikhaylova.

PURPOSE: This book is intended for technical personnel engaged in the study, design, construction, and operation of electrical and automatic equipment. It may also be used by senior students in metallurgical and electrical-engineering schools of higher education.

COVERAGE: The electrical equipment of modern rolling mills, units for electric welding and furnace butt welding of tubes, cold reduction mills, cold-drawing

Card 1/7

Electrical Equipment and the Automation (Cont.)

SOV/5857

benches, tube-finishing machines, and automatic electric machines used in the manufacture of tubes are discussed. The author thanks A. B. Chelyustkin, Candidate of Technical Sciences, for valuable advice, and V. V. Fibikh, Engineer, and his wife, L. T. Snezhko, for their assistance in editing and assembling the manuscript. There are 110 references: 96 Soviet, 8 English, 5 German, and 1 French.

TABLE OF CONTENTS [abridged]:

Foreword	7
Introduction	11

PART ONE. HOT-FINISHED SEAMLESS PIPE

Ch. I. The Electrical Equipment of Pipe-Making Units With Plug-Rolling Mills	17
Card 2/7	

Electrical Equipment and the Automation (Cont.)	SOV/5857
Ch. II. The Electrical Equipment of Pipe-Making Units With Pilger Mills	81
Ch. III. The Electrical Equipment of Pipe-Making Units With Continuous Tube-Rolling Mills	111
Ch. IV. The Electrical Equipment of Pipe-Making Units With Three-Roll Rotary Rolling Mills	131
Ch. V. The Electrical Equipment for the Hot Extrusion of Tubes	15-

PART TWO. WELDED TUBES

Ch. VI. The Electrical Equipment of Electric-Resistance Tube-Welding Units With Electric Heating of the Longitudinal-Weld Adjacent Zone	161
---	-----

Card 3/7

Electrical Equipment and the Automation (Cont.)	SOV/5857
Ch. VII. The Basic Electrical Equipment of Electric-Resistance Tube-Welding Units With Electric Heating of the Entire Cross Section of the Tube	205
Ch. VIII. The Electrical Equipment of Electric Induction Tube- Welding Units	206
Ch. IX. The Basic Electrical Equipment of Radio-Frequency Tube- Welding Units	219
Ch. X. The Electrical Equipment of Automatic Submerged-Arc Welding Units for Straight-Weld Tubes	226
Ch. XI. The Basic Electrical Equipment of Resistance Flash-Welding Units	263

Card 4/7

Electrical Equipment and the Automation (Cont.)	SOV/5857
Ch. XII. The Basic Electrical Equipment of High-Frequency Resistance-Welding Units for Straight-Weld Tubes	26t
Ch. XIII. The Electrical Equipment of Automatic Arc-Welding Units for Helical-Weld Tubes	26t
Ch. XIV. The Electrical Equipment of Tube-Welding Units for Manufacturing "Flat Coiled" [Two Steel Strips Seam-Welded on the Edges, and Pressure-Expanded in the Field] Tubes	29t
Ch. XV. The Basic Electrical Equipment of Gas-Shielded Arc- Welding Units for Alloy-Metal Tubes	29t
Ch. XVI. The Electrical Equipment of Continuous-Furnace Butt- Welding Units for Tubes	29t

Card 5/7

Electrical Equipment and the Automation (Cont.)

SOV/5857

PART THREE. COLD-REDUCED AND COLD-DRAWN TUBES

Ch. XVII. The Electrical Equipment of the Rockrite Machine	302
Ch. XVIII. The Electrical Equipment of Cold-Drawing Benches for Tubes	308

PART FOUR. TUBE FINISHING

Ch. XIX. Electric Drives and the Automation of Equipment for Tube Finishing	312
--	-----

PART FIVE. SPECIAL MACHINES AND EQUIPMENT FOR
TUBE MANUFACTURE

Ch. XX. The Electrical Equipment of Special Machines and Units	333
Card 6/7	

Electrical Equipment and the Automation (Cont.)	30V/5857
Ch. XXI. The Automation of Inspection in Tube Manufacturing	354
PART SIX. THE MEANS FOR AUTOMATING THE OPERATION OF TUBE-MANUFACTURING UNITS	
Ch. XXII. The Special Accessories of Electric Equipment	362
Ch. XXIII. Electropneumatic and Electrohydraulic Accessories	383
PART SEVEN. PROSPECTS FOR THE DEVELOPMENT OF ELECTRICAL EQUIPMENT AND FULL AUTOMATION OF TUBE-MANUFACTURING PLANTS	
Bibliography	397
AVAILABLE: Library of Congress	
Card 7/7	VK/wrc/jk 12/20/61

L. 08341-67 EWP(m)/EWP(v)/EWP(t)/ETI/EWP(k) IJP(c) JD/HM/RW
ACC NR: AR6033106 SOURCE CODE: UR/0137/66/000/007/D043/D043

AUTHOR: Katsnel'son, M. Ye.; Vol'per, Yu. D. 15

TITLE: Radio-frequency welding of medium-diameter pipes

SOURCE: Ref. zh. Metallurgiya, Abs. 7D314

REF SOURCE: Tr. Vses. n.-i. in-ta tokov, vysokoy chastoty, vyp. 6, 1965,
123-127

TOPIC TAGS: welding equipment, pipe, radio frequency, radio frequency welding,
pipe welding

ABSTRACT: An experimental batch of pipes 89 x 2.5 mm made from steel 20 has been produced by radio-frequency welding at the Dnepropetrovsk Pipe Rolling Plant im. V. I. Lenin in 1960. The quality of the pipes was judged to be considerably higher by technological and hydraulic tests and metallographic examination of the weld than those welded by industrial-frequency current. A new method has been developed for shape forming by which the final shaping of the pipe blank profile is made not in the rollers of the forming mill, but in a special pass arrangement positioned between the forming mill and welding rollers. The new method

Card 1/2

UDC: 621.774.21

L 08341-67
ACC NR: AR6033106

of shape forming makes it possible to produce large-scale radio-frequency welding of batches of pipes 140 x 4.5 mm. The method has been analyzed for successful changeover of pipe electric welding machines 51-152 to the radio-frequency welding. L. Kochenova. [Translation of abstract]

SUB CODE: 13/

Card 2/2 not

ACC NR: AT7001523

SOURCE CODE: UR/3117/65/000/005/0123/0127

AUTHORS: Katsnel'son, M. Ya. (Candidate of technical sciences); Vol'per, Yu. D. (Engineer)

ORG: none

TITLE: Radio frequency welding of medium diameter pipes

SOURCE: Leningrad. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty. Trudy, no. 6, 1965. Promyshlennoye primeneniye tokov vysokoy chastoty (Industrial application of high-frequency current), 123-127

TOPIC TAGS: welding ~~welding~~, generator, steel, radio frequency welding, ~~radiofrequency~~ / 51-152 welding ~~welding~~, LZ-207 power generator, 20 steel, 1Kh18N9T steel, 2 steel equipment

ABSTRACT: Electric pipe welding machine 51-152 at the Dnepropetrovsk Pipe Factory im. V. I. Lenin (Dnepropetrovskiy truboprovodnyy zavod) was modified, and tests of radio frequency welding of medium diameter pipes were performed. The machine was equipped with a tube-type generator LZ-207 which generated 200 kw at 74 kc. Pipes 89 x 2.5 mm and 89 x 3.5 mm (made of steels 20 and 2) and 76 x 2.5-mm pipes of steels 20 and 1Kh18N9T were welded. Although the quality of the welds was superior, the yield was poor and numerous problems with the equipment were encountered. In October 1962 similar tests were performed on 140 x 4.5-mm pipes of steel 2, using 350 kc (there was insufficient time to raise the frequency to the planned 440 kc). The maximum rate reached 27.5 m/min (intermittent), and again repeated equipment failures were encountered. To make this

Card 1/2

ACC NR: AT7001523

progressive method of pipe welding practical, it is suggested that a reliable 600-kw, 440-kc generator be developed which will allow production rates of up to 60 m/min (continuous). It is also suggested that an analysis be made of the time and cost involved in modifying the 51-152 for radio frequency welding and that the development of new equipment for speeds of 60-120 m/min be considered.

SUB CODE: 13/ SUBM DATE: none

Card 2/2

KATSNEL'SON, Matvey Yefimovich; FIBIKH, V.V., red.; KISELEVA, T.I., red.
izd-va; MIKHAYLOVA, V.V., tekhn. red.

[Electric equipment and the automation of pipe-rolling mills]
Elektrooborudovanie i avtomatizatsiya truboproykatnykh zavodov.
Moskva, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metal-
lurgii, 1961. 400 p. (MIRA 14:9)
(Pipe mills--Electric equipment) (Automation)

SHALGIN, G.N., inzh., kand. ekonom. nauk; KATSNEL'SON, M.Yu., inzh.; KIN-DYAKOVA, O., red.; PILKAUSKAS, K., tekhn. red.

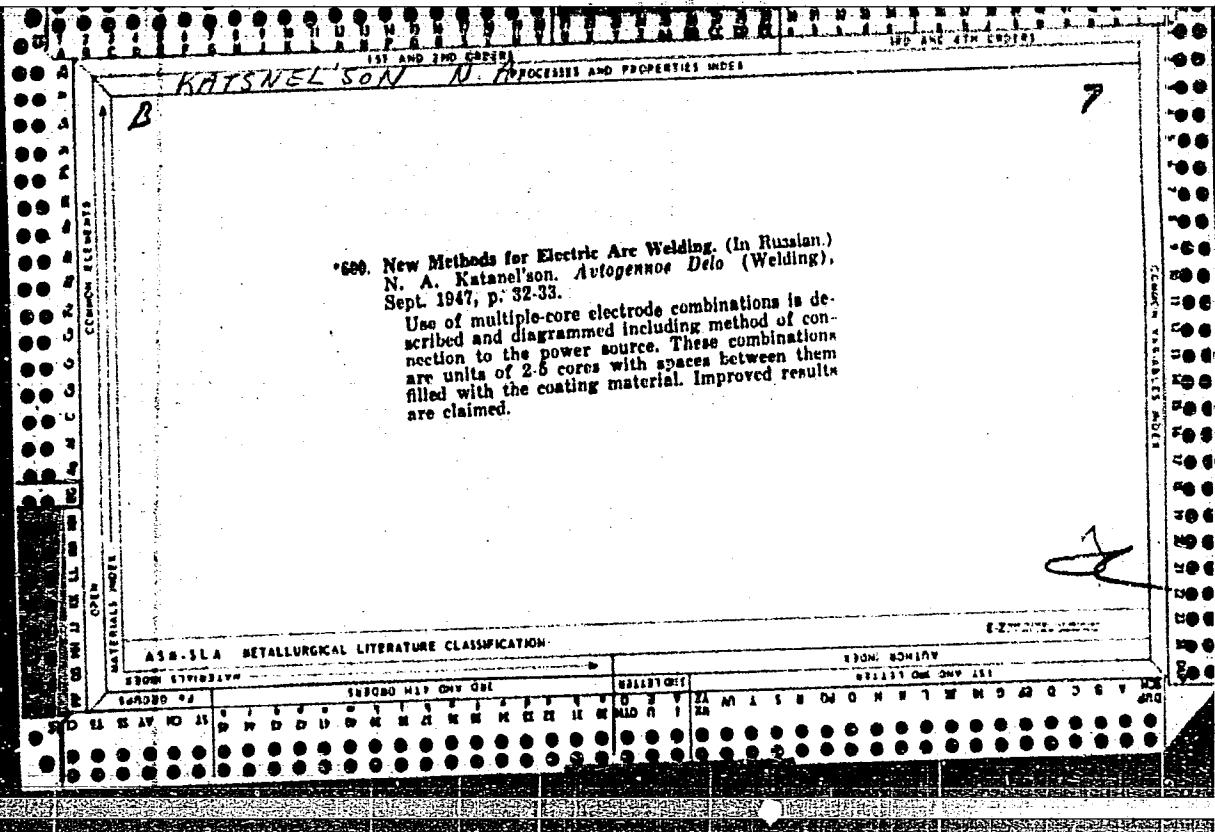
[Organization, preparation and planning of group production of parts by the method of Lenin Prize winner S.P.Mitrofanov; album of methodological and reference materials based on the practice of the Leningrad Economic Council] Organizatsiya, podgotovka i planirovaniye gruppovogo proizvodstva detalei po metodu laureata Leninskoi premii S.P.Mitrofanova; al'bom metodicheskikh i spravochnykh materialov iz opyta Leningradskogo sovnarkhoza. Vil'nius, Respublikanskii in-t nauchno-tekhn. informatsii i propagandy, 1960. 52 p.

(MIRA 14:11)

(Factory management)

KATSNEL'SON, M.Yu.

Exhibition of the achievements of the Leningrad industry at the
Exhibition of the Achievements of the National Economy. Biul.
tekhn.-ekon.inform. no.9:80-82 '61. (MIRA 14:9)
(Moscow--Exhibition) (Leningrad--Industry)



KATSNEL'SON, N. A.

PA 1/50T27

USSR/Engineering - Welding, Spot Aug 49
Machines, Welding

"Suspended Spot-Welding Machines, Type MTPG-75,"
N. A. Katsnel'son, Engr, 5½ PP

"Avtogen Delo" No 8

Suspended spot-welding machines are used extensively in the automobile industry. Describes the new MTPG-75 type in detail, with 12 diagrams, and two tables. It is scheduled for series production.

1/50T27

SOV/112-57-9-18963

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 9, p 138 (USSR)

AUTHOR: Katsnel'son, N. A.

TITLE: MTMS-7x35-Type Machine for Electric Contact Point Welding of
Reinforcement Grids (Mashina tipa MTMS-7x35 dlya elektricheskoy kontaktnoy
tochechnoy svarki armaturnykh setok)

PERIODICAL: Inform.-tekhn. sb. M-vo elektrotekhn. prom-sti SSSR, 1955,
Nr 83, pp 29-32

ABSTRACT: A description of the construction, principle of operation, and
technical data of a multi-electrode type MTMS-7x35 semi-automatic machine
intended for welding reinforcement grids up to 1,400 mm wide made from
6+6 mm wire.

V. M. Shch.

Card 1/1

KATSNEL'SON, N.A.

GLEBOV, L.V., inzhener; KATSNEL'SON, N.A., inzhener.

Regulations for resistance welding of reinforcements. Stroi.prom.
(MIRA 10:3)
35 no.2:34-37 F '57.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo
oborudovaniya (for Glebov). 2. Zavod "Elektrik" (for Katsnel'son)
(Electric welding)
(Reinforced concrete)

KATSNEL'SON, N.A.

Unifying equipment for resistance welding. Avtom.svar. 16 no.5:
84-86 My '63. (MIRA 16:11)

1. Leningradskiy zavod "Elektrik".

KATSEL'SON, N.J.

400

Vnedreniye Mnogofasennogo Sektsionnogo Motsessa. Odes. shuey naya fabrika
im. Vorouskogo. M., Gizlegprom. 1954. 20s. s ill. 20 sm. (M-uo prom.
touayou shirokogo potrebleniya SSSR. Tekhu. Upr. Oro. Tekhn. Informatsil.
Za Rasshireniye assortimento.). C. 500 elcz 35k.— Sost. Ukazan na obore re
tk.l. - (54-54687) P. 687.1:658. 5

SO: Knizhnaya, Letopis, Vol.1, 1955

KATSNEL'SON, N.I. (Odessa)

Technical and economic data of the Vorovskii factory.
Shvein.prom. no.1;4-7 Ja-F '60. (MIRA 13:6)
(Odessa—Clothing industry)

KATSHEL'SON, N.I. (Odessa)

Practices in the operation of multiple-style assembly
lines with a medium capacity. Shvein.prom. no.3:7-13
(MIRA 13:?)
My-Je '60.
(Odessa--Clothing industry) (Assembly-line methods)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721130010-6

KATSNEL' SON, N.I. (Odessa)

Creativeness and energy are the principal factors in socialist
competition. Shvein. prom. no. 6:4-6 N-D '60. (MIRA 14:1)
(Odessa--Clothing industry)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721130010-6"

KATSNEL'SON, N.I. (Odessa)

Widen the roads for the introduction of new developments and
communist methods of work. Shvein.prom. no.6:4-7 N-D '61.
(MIRA 14:12)

(Clothing industry)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721130010-6

KATSENLISON, N.I.

~~Design and development of 1/10th scale models to be made from standard parts. Ref. prom. no. 2819-41 Ap-Je'64 (MIRA 17&7)~~

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721130010-6"

KATSNEL'SON, N.H., inzhener.

Working under major railroad lines. Trudy VNIMI no.29:44-68
(MIRA 8:3)

'54.

(Mining engineering)(Railroads-track)

KATSNEL'SON N.N. kandidat tekhnicheskikh nauk.

Mine surveying method for determining the position of the fire
face and completion of coal seam gasification in the Moscow
Basin. Podzem.gaz.ugl. no.1:52-56 '57. (MIRA 10:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut.
(Moscow Basin--Coal gasification, Underground) (Mine surveying)

KATSNEL'SCN, N.N., kand. tekhn. nauk; GUSEV, V.V., inzh.; GLIKTSMAN,
B.Ya., inzh.

Size of barrier pillars in steeply pitching seams of the
Donets Basin. [Trudy] VNIMI no.47-125-139 '62 (NIRA 17-7)

1 29148-66

ACC NR: AP6018676

SOURCE CODE: UR/0167/65/000/003/0025/003

AUTHOR: Katmelen'son, N. R.; Galakhova, N. G.

23

B

ORG: none

TITLE: Central control telecenter

SOURCE: Tekhnika kina i televizionnykh sistem, no. 3, 1965, 25-34

TOPIC TAGS: TV system, TV equipment

ABSTRACT: The transition to transmission in two, three or more channels, the increase of the volume of intercity and international television program exchange and the usage of television recording devices at telecenters has required the installation at such television control centers of commutation devices, called central equipment. The development of such equipment for central telecenters is a present-day problem. Some TV centers are now using equipment developed by the workers of the centers themselves. This article reviews equipment for usage in these centers currently being produced by Soviet industry. The article presents technical data, such as power requirements, capacity, qualitative indices, input and output impedances, audio frequency range, ventilation requirements. A block diagram is shown of a type S-591 commutator, which is capable of accepting 11 input signals, to be distributed into 7 output

cord 1/2

UDC: 621.397.61

L 29148-66

ACC NR: AP603B676

channels as required. A block diagram is also shown for the accompanying sound signal commutator. Equipment required for a typical telecenter is shown in a typical arrangement in racks, as well as photographs of such a typical installation, featuring a 7-monitor control panel console, plus accompanying video and audio amplification, commutation and relay equipment. The operation of the control panel in commutating between IV programs is explained. It is concluded that the equipment described could be used both for one- and/or two-channel stations in which a variety of inputs must be monitored and selected for output to the subscriber channel(s), and for central and intercity television commutation centers, with as many as seven program/subscriber output channels operating simultaneously from up to 11 inputs. Orig. art. has 9 figures. [JPRS] O.

SUB CODE: 17 / SUBM DATE: none

Card

2/2 CC

YEGOROV, I.F.; SYUMMAK, Ye.V.; KATSNEL'SON, N.Ye., red.; GURDZHIYEVA,
A.M., tekhn. red.

[Loose housing of cattle; from the practices of the
"Serebrianskii" State Farm in Luga District, Leningrad
Province] Bespriviaznoe soderzhenie skota; iz opyta sovkhoza
"Serebrianskii" Luzhskogo raiona Leningradskoi oblasti. Le-
ningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1962.
21 p. (MIRA 16:7)

(Dairy barns)

KATSNEL'SON, O. G.
USSR/Electricity - Regulators Current

Jan 53

"Precision Solenoid Electric Current Regulator", O. G. Katsnel'son and A. S.

Edel'shteyn, Moscow

Elektrichestvo, No 1, pp 48-50

Describes new type ac current regulator (Certificate of Authorship No 73483, 19 Dec 1947) consisting of solenoid with moving steel plunger operating in conjunction with auxiliary ferroresonance circuit. Current is stabilized with accuracy to $\pm 0.02\%$ for network voltage variations of $\pm 10\%$. Regulator is useful for precise research work such as photometry of incandescent lamp light flux.

Submitted 2 Jun 52.

KATSNEL'SON, O.G., kandidat tekhnicheskikh nauk; EDEL'SHTEYN, A.S.

Electric inductance flow meters. Khim.nauka i prem. 1 no. 3:332-336
'56. (Flowmeters) (MIRA 9:9)

28(4)
AUTHORS:

Katsnel'son, O. G., Candidate of Technical Sciences,
Edel'shteyn, A. S.

SOV/64-59-3-18/24

TITLE:

Automatic Analytic Scales (Avtomaticheskiye analiticheskiye
vesy)

PERIODICAL:

Khimicheskaya promyshlennost', 1959, Nr 3, pp 76-82 (USSR)

ABSTRACT:

A survey of automatic analytic scales is given, with schematic representations of the scales and their description. Appliances designed by Shevnar (Fig 1)(Ref 1) and Feuer (Fig 2) (Ref 2) are described for scales not fully balanced with an incomplete registration of the deviation of an index or scale beam from the balance. In addition to appliances with an automatic balance by means of a mechanical equipment, Swen Odin's scale (Fig 3)(Ref 3), Müller's and Garman's scales (Fig 4)(Ref 4) and Lohman's scales (Fig 5)(Ref 5) are described. A weight definition by balancing the scales by means of electromagnetic power is reached in appliances designed by Oden and Keen (Fig 6)(Ref 8), Gregg and Wintle (Figs 7, 8) (Ref 9), Clark (Figs 9, 10)(Ref 10) and in the scales designed in the USSR by the GIAP (Fig 11)(Ref 11), as well as in

Card 1/2

Automatic Analytic Scales

SOV/64-59-3-18/24

construction according to (similar to the latter) scales designed by Mauer (Fig 12)(Ref 12). The working principle of midget scales also belong to the group mentioned last, as well as the scales designed by Brockdorff and Kirsch (Fig 13)(Ref 13) and Gast (Fig 14)(Ref 14). Finally the possibilities for applying the described automatic scales are given. There are 14 figures and 14 references, 2 of which are Soviet.

Card 2/2

ACCESSION NR: AP3000247

3/0119/63/000/005/0015/0017

AUTHOR: Katsnel'son, O. G.; Saprykin, N. A.

TITLE: Method of electromagnetic restoring force used for automatic monitoring
the concentration of aggressive liquids

SOURCE: Priborestroyeniye

TOPIC TAGS: concentration meter, automatic concentration measurement

ABSTRACT: The essence of the method lies in the fact that the force being measured can be automatically compensated by a solenoid pull; then the solenoid pull can serve as a measure of the force; the zone of constant pull can serve as a new device for measuring concentration by the liquor density with an automatic correction for temperature is described. Density is measured by the principle of a submerged float; the ejecting force is balanced by the solenoid pull. Temperature is compensated by a resistance thermometer immersed in the liquor. A block diagram (Enclosure 1, Fig. 1), construction, a hookup for calibration, a concentration meter, and three experimental diagrams illustrating the method of concentration measurement are given in the article. The water characteristics are: flow rate 10 liters per hr (of tetrachloroalkane), temperature range 15-35°C, "range of density measurement 0.018 gr/cm³ [?? Abstracter], absolute error 0.00045 gr/cm³.
Card 1/2

ACCESSION NR: AP3000247

sup 3, reading delay 50-60 sec. Orig. art. has: 6 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 14Jun63

ENCL: 01

SUB CODE: IE, CH

NO REF Sov: 002

OTHER: CCC

Card 2/3

ACCESSION NR: AP3000247

ENCLOSURE: 1

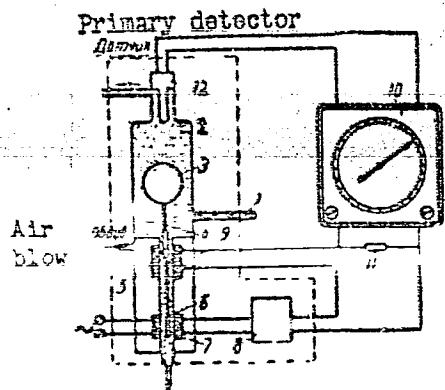


Fig 1. Block diagram of the automatic concentration meter

- 1 - inlet tube
- 2 - measuring cylinder
- 3 - float
- 4 - chain
- 5 - permanent magnet
- 6 - soft magnetic material
- 7 - differential transformer coil
- 8 - amplifier-rectifier
- 9 - d-c solenoid
- 10 - potentiometer
- 11 - resistor
- 12 - resistance thermometer

Card

3/3

KATSNEL'SON, O.G.; SAPRYKIN, N.A.

Using the method of electromagnetic compensation of forces
for automatic control of the concentration of corrosive
liquids. Priborostroenie no.5:15-17 My '63. (MIRA 16:8)

KATSNEL'SON, R.A.; UMAROVA, R.F.; IGAMBARDYIEVA, D.I.

Serological diagnosis of diphtheria. Med.zhur.Uzb. no.1:38-43 Ja '59.
(MIRA 13:2)

1. Iz kafedry mikrobiologii (zaveduyushchiy - prof. P.F. Samsonov)
i kliniki detskikh infektsionnykh bolezney (zaveduyushchiy - prof.
Kh.A. Yunusova) Tashkentskogo gosudarstvennogo meditsinskogo insti-
tuta.

(DIPHTHERIA)

BEREZINA, P.F.; KATSNEL'SON, R.A.

Treatment of pyoderma with antibiotics. Vest. vener., Moskva No.1:28-29
Jan-Feb 52. (CIML 21:4)

1. Of the Clinic for Skin and Venereal Diseases (Head--Prof. A.A. Akov-byan) of Tashkent Medical Institute and of the Department of Microbiology (Head--Honored Worker in Science Prof. P.F. Samsonov) Tashkent Medical Institute.

KATSNEL'SON, R.A., kandidat meditsinskikh nauk; BEREZINA, P.F., kandidat
meditsinskikh nauk

Treatment of staphylococcal pyodermitis with anatoxin. Vest.ven.
(MIRA 9:9)
i derm.no.3:53 My-Je '56.

1. Iz kafedry mikrobiologii i kliniki kozhnykh i venericheskikh
zabolevaniy Tashkentskogo gosudarstvennogo meditsinskogo instituta
imeni V.M.Molotova.
(SKIN--DISEASES) (TOXINS AND ANTITOXINS)

YUNUSOVA, Kh.A.; LOGINOVA, N.S.; UNAROVA, R.Y.; KATSNEL'SON, R.A.

Candidomycosis of the oral cavity and diphtheria. Izv.AH
Uz.SSR.Ser.med. no.5:13-19 '58. (MIRA 12:5)

1. Tashkentskiy gosudarstvennyy meditsinskiy institut, Klinika
detskih bolezney i kafedra mikrobiologii.
(MONILIASIS) (DIPHTHERIA--BACTERIOLOGY)

LOGINOVA, N.S.; UMAROVA, R.F.; KATSNEL'SON, R.A.

Materials on the etiopathogenesis of toxic diphtheria. Med. zhur.
(MIRA 14:5)
Uzb. no. 3:44-47 Mr '61.

1. Iz kafedra mikrobiologii (zav. - prof. P.F. Samsonov) i kliniki
detskikh infektsiy (zav. - prof. Kh.A. Yunusova) Tashkentskogo
gosudarstvennogo meditsinskogo instituta.
(DIPHTHERIA)

KATSNEL'SON, R. B. (Co-author)

See: MAYANTS, A. I.

Katsnel'son, R. B. and Mayants, A. I. - "Decapsulation of the kidneys in nephritis," Vracheb. delo, 1949, No. 2, columns 165-68

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

KATSNEL'SON, R. B.

KATSNEL'SON, R. B. -- "Clinical Course of Amyloidosis." Sub 1) Jun
52, Central Inst for the Advanced Training of Physicians. (Dissertation for the Degree of Doctorate in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

KATSNELSON, R.

"A Comparative Study of Yeasts Cultured on Different Media," Iz NI imeni P. F. Lesgaft
1937, Vol XX, Issue 3

Mikrobiologiya, Vol XX, No. 5, 1951.
W-24635.

KATSNEL'SON, R. S.

USSR/Biology - Microorganisms

1 Jan 51

"Effect of Ultrasound on Yeast," R. S. Katsnel'son,
M. A. Khenokh, State Nat Sci Inst imeni P. F.
Leesraft

170E3
"Dok Ak Nauk SSSR" Vol LXVI, No 1, pp 133-135

Action of ultrasound (425 kc at quartz plate) for
1/2, 2, 4, or 5 hr on *Saccharomyces cerevisiae*
in concn of 2, 4, 8, or 20% did not affect morphol-
or viability of yeast, but improved its effective-
ness in fermentation and ability to raise dough by
15% (max improvement). Activity of catalase in
yeast thus treated remains unchanged, while

170E3

USSR/Biology - Microorganisms (Contd) 1 Jan 51

proteolytic activity rises. Change of pH produced in
treatment is not responsible for effect. According
to R. A. Branopol'skaya, treatment of yeast with UV
rays produces similar result and improves effective-
ness by 20%.

170E3

KATSNEL'SON, R. S.

SELIBER, G. L.; KATSNEL'SON, R. S.; SKALON, I. S. and KATANSKAYA, G. A.

"Table of Contents and Extracts from 'Experimental Microbiology',¹⁴ Mikrob. v
Opytakh, 1953.

Translation M-414, 2 May 55

Katsnel'son, R. S.

Mikrobiologiya V Opytakh (Microbiology in Experiences, By) G. L. Seliber,
R. S. Katsnel'son (Et Al) Moskva, Izdvo Akademii Pedagogicheskikh Nauk RSFSR,
1953.

275 P. Illus., Diagrs., Tables.

Literatura: P. 271-(272)

At Head of Title: Moscow. Gosudarstvennyy Yestestvenno-Nauchnyy Institut.

SO: N/5

641

.S4

KATSNEL'SON, R.S.; YERSHOV, V.V.

Studying the microflora of virgin and cultivated soils in the
Karelian A.S.S.R. Report No.1: Microbiological characteristics of
soils in the Karelian A.S.S.R. [with summary in English]. Mikro-
biologiya 26 no.4:468-476 Jl-Ag '57. (MIRA 10:12)

1. Institut biologii Karel'skogo filiala AN SSSR.
(SOIL, microbiology,
virgin & cultivated soils in Karelian ASSR (Rus))

KATSNEL'SON, R.S.; YERSHOV, V.V.

Studying the microflora of virgin and cultivated soils of the
Karelian A.S.S.R. Report No.2: Biological activity of soils in the
Karelian A.S.S.R. [with summary in English]. Mikrobiologiya 27
no.1:82-88 Ja-F '58. (MIRA 11:4)

1. Institut biologii Karel'skogo filiala AN SSSR.
(KARELIA--SOILS--BACTERIOLOGY) (ENZYMES)

DARAGAN-SUSHCHOVA, A.Yu.; KATSNEL'SON, R.S.

Effect of meadow grasses on the fermentative activity of soils.
Trudy Bot. inst. Ser. 3 no.14:160-171 '63. (MIRA 16:9)
(Otradnoye region (Leningrad Province)--Soil biology)
(Otradnoye region (Leningrad Province)--Grasses)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721130010-6

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721130010-6"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721130010-6

KATSNEL'SON, S.I., inzh.

Technical and economic cindices of costs of road construction in
Moscow. Gor.khoz.Mosk. 33 no.8:28-31 Ag '59. (MIRA 12:11)
(Moscow--Road construction--Costs)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721130010-6"

KATSNEL'SON, S. I.

Work experience in russet tanning at the Telman Tanning Factory moskva, Gos. nauchno-
tekhn. izd-vo legkoi promyshl., 1952 50 p. (Obmen peredovym opytem) (94-26675)

TS957.R9K5

KATSNEL'SON, S.Y., FRIDMAN, B.I.

Leather

Efficient use of leather strips, Log.prom. 12 No. 8, 1952

Monthly List of Russian Accessions, Library of Congress, October 1952, Unclassified.

KATSNEL'SON, S.I., inshener.

Economy in planning roads and bridges, Ger. khem. Mosk. 31 no.2:19-
22 F '57. (MIRA 10:4)
(Moscow--Road construction--Estimates and costs)
(Moscow--Bridge construction--Estimates and costs)

KATSNEL'SON, S.I. (Odessa)

Operations with radicals, Mat. v shkole no.6:74-75 N-D '59.
(Roots, Numerical) (MIRA 13:3)

KATSNEL'SON, S.I.; FRIDMAN, B.I.

Expand the production of suede leather. Kozh.-obuv.prom. 2
no.1:38 Ja. '60. (MIRA 13:5)

1. Zamestitel' glavnogo inzhenera zavoda imeni Tel'mana (for
Katsnel'son). 2. Nachalnik tekhnicheskogo otdeleniya zavoda imeni
Tel'mana, Moskva(for Fridman).
(Leather industry)

KATSNEL'SON, S.I., inzh.

Economic evaluation of pavements. Gor.khoz.Mosk. 34 no.3:
20-23 Mr '60. (MIRA 13:8)
(Pavements)

KATSNEL'SON, S.I.; KOZHEVNIKOV, N.N.

New developments in the cutting of leather for welts. Kozh.-
obuv.prom. 5 no.2:26-29 F '63. (MIRA 16:5)
(Shoe manufacture)

KATSNEL'SON, S. KH.

SMIRNOV, V.K.; KATSNEL'SON, S. KH.; KRUCHININ, V.I., redaktor; VEKSER, A.A.,
redaktor; SHPAK, Ye.G., tekhnicheskiy redaktor

[Chemical bases of "arzamit" coating and lacquers with cold hardening
properties] Khimicheski stoikie samazki arzamit i laki kholodnogo
otverzhdeniya. Pod red. V.I. Kruchinina. Moskva, Gos. nauchno-tekhn.
izd-vo khim. lit-ry, 1957. 49 p. (MLRA 10:5)
(Lacquers and lacquering) (Corrosion and anticorrosives)

SOV/81-59-7-23758

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 7, p 302 (USSR)

AUTHORS: Smirnov, V.K., Katsnel'son, S.Kh.

TITLE: The Technology of Manufacturing Heat-Conductive Arzamit Putties
and Their Application in the Chemical Industry

PERIODICAL: Sb. Kom-t po korrozi i zashchite metallov Vses. sov. nauchno-
tekhn. o-v, 1958, Nr 5, pp 131 - 139

ABSTRACT: The heat-conductive putties: acid-resistant arzamit-4 and acid-alkali-resistant arzamit-5 combine the properties of the known putties arzamit-1,2,3 with the properties of heat conductivity. The arzamits are self-hardening putties, they have high physical-mechanical properties and a good chemical resistance, they are resistant against HF (acid), but not resistant against the action of oxidants, acetone and ethylacetate. The putties are used as binding material, but in some cases can be used also as independent protective material. The lining is made on the sub-layer, for which purpose resorcino-formaldehyde resin in a mixture with graphite is used, for instance. At some plants bakelite

Card 1/2